

## ECS Configuration Change Request

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<b>1. Originator</b> Sarah Lewallen	<b>2. Log Date:</b> 2/27/03	<b>3. CCR #:</b> 03-0134	<b>4. Rev:</b>	<b>5. Tel:</b> 301-925-0865	<b>6. Rm #:</b> 2117B	<b>7. Dept.</b> SE
<b>8. CCR Title:</b> Replace HiPPI Network with Gigabit Ethernet network at all DAACs.						
<b>9. Originator Signature/Date</b> Sarah Lewallen /s/ 2/27/03			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 4/15/03	
<b>13. Office Manager Signature/Date</b> James Mather /s/ 2/27/03			<b>14. Category of Change:</b> Update ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Routine	
<b>16. Documentation/Drawings Impacted</b> (Review and submit checklist): 920-TDx-001, 921-TDx-001,002,003,004			<b>17. Schedule Impact:</b> None		<b>18. CI(s) Affected:</b> DRPHW, ACMHW, SPRHW, DIPHW, MODHW, ICLHW, ISSHW	
<b>19. Release Affected by this Change:</b> 6A, 6B		<b>20. Date due to Customer:</b>		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Network Transition instructions previously delivered to the DAACs.						
<b>23. Problem: (use additional Sheets if necessary)</b> The HiPPI Switch is at end of life. The vendor will not offer maintenance support on the hardware and replacement parts will not be available to correct failures.						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Swap the HiPPI switch with the Cisco 3550 Gigabit Ethernet (GigE) switch. The HiPPI interface will be moved to a private gigabit interface. This change is required at all four DAACs. A GigE interface will be provided for each SGI host currently using the HiPPI network. (see attached list)						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> None						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> If a failure occurs, will only be able to correct failure on an as available basis.						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b>						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>			<b>30. Work Assigned To:</b>		<b>31. CCR Closed Date:</b>	
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>33. M&amp;O CCB Chair (Sign/Date):</b> Gary Gavigan /s/ 3/4/03			<b>Disposition:</b> <b>Approved</b> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>34. ECS CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

## ADDITIONAL SHEET

**CCR #:**                      **Rev:**            **Originator:** Sarah Lewallen

**Telephone:** 301-925-0865            **Office:** 2117B

**Title of Change:** Replace HiPPI Network with Gigabit Ethernet network.

The following hosts will need the Gigabit ethernet installed and configured as eg1:

g0acg01, g0dig06 g0drg01 g0drg02 g0drg04 g0icg01, g0mog01, g0spg10, g0spg11

e0acg11, e0dig06, e0drg11, e0drg12, e0icg11

n0dig06, n0icg01

l0acg02, l0dig06, l0drg01, l0spg10

\*Origin 300 systems will be preconfigured with a Gigabit Ethernet card. If the system is reconfigured, the card address should be set as eg1.